

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 11, 1956

The number of cases of poliomyelitis reported for the current week is 883 as compared with 1,785 for the same period last year. The median figure for the 5-year period 1951-55 is 1,904. The increase from 759 for the week ended August 4 was general and no State or geographic division showed a marked increase over the previous week. A total of 166 cases, of which number 103 were paralytic, was reported in Chicago for the week ended August 11. Seven deaths were reported. The total number of cases reported since January 1 in Chicago is now 638.

The proportion of paralytic cases for the country as a whole is gradually decreasing, but remains relatively high in certain States. The proportion of paralytic cases for 4 States (Illinois, Louisiana, Texas, and California) for the 4 weeks ended August 4 was about 59 percent, whereas that for the remainder of the country was only 33 percent. These States, except Texas, are reporting a higher total this year as compared with the same period of 1955, and in each of them a relatively high proportion of the total cases has been under 5 years of age.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	883	1,785	5,131	8,651	6,198	9,714
Paralytic-----	360	604	2,414	3,185	2,997	3,649
Nonparalytic-----	376	762	1,892	3,404	2,177	3,694
Unspecified-----	147	419	825	2,062	1,024	2,371

The Washington State Department of Health has reported the occurrence of 48 cases of western equine encephalomyelitis in horses.

EPIDEMIOLOGICAL REPORTS

Coxsackie disease

The California State Department of Public Health has reported a large number of cases having the clinical appearance of Coxsackie disease (epidemic pleurodynia). Cases have been occurring in the upper Sacramento Valley with the disease reaching epidemic proportions in Shasta County. This disease is believed to be due to type B Coxsackie virus. Isolation studies are underway in the State Virus Laboratory.

Blastomycosis

Dr. J. D. Martin, Louisiana State Department of Health, has reported a case of blastomycosis in a 31-year-old man. The patient was referred to a local health unit as a tuberculosis suspect. Repeated sputum specimens collected were negative for acid fast bacilli, fungi, and malignant cells. Chest X-ray revealed a rather dense infiltration extending from the upper pole of the left hilus into the left upper lung field. A calcifi-

cation in the left hilus was observed. Tuberculin patch tests on patient and members of his family were negative. A diagnosis of blastomycosis was made following an exploration of the thorax and a biopsy of lung tissue from which the fungi were identified.

Vesicular stomatitis infection in man

Dr. J. E. McCroan, Georgia Department of Public Health, has reported that in a vesicular stomatitis study blood specimens have been obtained from 18 persons living in several counties of Georgia. Two of 5 specimens examined have shown antibodies against vesicular stomatitis by egg protection tests. The tests were performed by Dr. R. P. Hanson, College of Agriculture, University of Wisconsin, who stated that these findings are the first laboratory confirmed evidence of human infection which has not been the result of exposure in a laboratory.

Coccidioidomycosis

Dr. J. D. Martin has reported a case of coccidioidomycosis in a 35-year-old woman from Louisiana. The patient went to Arizona in 1955 and developed what she called influenza about a week after her arrival. Manifestations were malaise, fatigue, and generalized nondescript aches and pains. Several weeks later an X-ray showed bilateral pneumonitis. An internist in Arizona diagnosed her illness as coccidioidomycosis. On May 28, 1956, the patient was admitted to a hospital in New Orleans, and *Coccidioides immitis* was isolated from a sputum specimen 2 days later.

Actinomycosis

Dr. J. D. Martin has reported a case of actinomycosis in a 29-year-old man who was admitted to a hospital in New Orleans. A history was obtained of a lump on the left side of his back and pain in it for several months. The patient had been expectorating large amounts of clotted blood for about 1 month and had developed a cough during that time. The lump which was a large fluctuant mass below the left scapula was aspirated and *Actinomyces bovis* was identified from the exudate. An X-ray of the chest indicated pulmonary and paravertebral involvement.

Rabies in a bat

Dr. F. R. Hassler, Oklahoma State Department of Health, has reported the finding of a rabid bat in the western part of the State. For the past year in cooperation with the Oklahoma A. and M. College, approximately 1,000 bats have been caught and their brains were examined by mouse inoculation techniques. This is the first time a rabid bat has been found in Oklahoma. The bat was a Mexican Free-tail (*Tadarida Mexicana*) which had been captured in a cave in Woodward County. This bat was sick at the time of capture. Rabies was demonstrated by mouse inoculation.

Bovine anthrax

Dr. P. H. Cochran, Public Health Veterinarian, Kentucky State Department of Health, has given preliminary information on 5 cases of anthrax among cattle on a farm near Hickman. Although anthrax has been reported in the county (Fulton) before (in 1951), this is the first time the disease has been re-

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ported on this particular farm. Laboratory examination confirmed the diagnosis of anthrax.

Malaria

Dr. J. D. Martin has reported 2 cases of malaria. Both cases had malarial parasites which were seen on blood smears. The organism was not definitely identified as to species when blood smears were examined under the microscope. Both were presumably *Plasmodium vivax* since a 48-hour fever cycle was noted. The patients had been in service in Korea. They had returned less than 10 months ago and failed to take a course of primaquine therapy.

Salmonellosis

Dr. Dean H. Fisher, Maine Department of Health and Welfare, has reported an outbreak of salmonellosis, probably from ingestion of infected deer meat. The meat was eaten by 4 persons on a very remote farm. All became ill, the first case being reported the following day. Later 4 additional cases developed from association with these primary cases. The deer

meat episode was not discovered immediately. Cultures found in a small amount of meat, mostly suet, were negative.

Gastro-enteritis

Mr. Vaughn Anderson, Idaho Department of Public Health, has reported an outbreak of gastro-enteritis among persons eating cream-filled pie. Only 3 cases were reported, all from a local cafe. The cafe obtained the pie from a bakery in another city. The pie was well refrigerated but had been shipped in a nonrefrigerated truck and was in transit for about 3 hours. None of the pie was available for bacteriological examination.

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis among 96 boys in a camp. Of these, 21 became ill about 7 hours after eating an evening meal. A report was received that some questionable methods were employed in the preparation of the food, chiefly involving lack of refrigeration. Samples of string beans, meat, mashed potatoes, and ham sandwiches yielded *Staphylococcus aureus* on bacteriological examination.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	32d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 11, 1956	Ended Aug. 13, 1955	Median 1951-55	First 32 weeks			Since seasonal low week.			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	29	20	20	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	1	---	5	6	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	27	27	---	646	791	---	---	---	---	---
Diphtheria-----055	8	38	31	919	836	1,226	93	127	174	July 1
Encephalitis, infectious-----082	54	31	31	1,031	873	873	402	313	313	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	276	409	---	13,297	22,546	---	---	---	---	---
Malaria-----110-117	8	36	---	138	295	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	1,932	1,779	1,779	572,771	515,383	515,383	601,869	569,852	569,852	Sept. 1
Meningococcal infections-----057	31	41	58	1,888	2,428	2,916	2,811	3,477	4,185	Sept. 1
Meningitis, other-----340	37	---	---	910	---	---	---	---	---	---
Polio-myelitis-----080	883	1,785	1,904	6,198	9,714	12,695	5,131	8,651	11,142	Apr. 1
Psittacosis-----096.2	12	4	---	354	188	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	-	6	4	4	(¹)	(¹)	(¹)	(¹)
Smallpox-----084	-	-	-	-	-	5	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	45	56	60	1,095	982	1,271	782	675	865	Apr. 1
Typhus fever, endemic-----101	2	1	---	69	86	---	(¹)	(¹)	(¹)	(¹)
Rabies in animals-----	64	72	99	3,234	3,503	4,740	4,261	4,856	6,359	Oct. 1

¹Frequencies are too small.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 13, 1955 AND AUGUST 11, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		32d week		Cumulative first 32 weeks		082		32d week		Cumulative first 32 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	27	27	8	38	919	836	54	31	276	409	13,297	22,546
NEW ENGLAND-----	-	-	-	-	9	19	-	-	12	25	864	2,034
Maine-----	-	-	-	-	-	-	-	-	3	4	208	229
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	26	63
Vermont-----	-	-	-	-	1	-	-	-	2	1	104	151
Massachusetts-----	-	-	-	-	8	18	-	-	5	7	216	732
Rhode Island-----	-	-	-	-	-	-	-	-	1	4	115	285
Connecticut-----	-	-	-	-	-	-	-	-	1	9	195	574
MIDDLE ATLANTIC-----	-	1	1	2	44	37	11	4	64	94	2,843	5,664
New York-----	-	1	-	1	17	21	11	4	34	50	1,452	3,138
New Jersey-----	-	-	-	-	12	6	-	-	16	7	262	356
Pennsylvania-----	-	-	1	1	15	10	-	-	14	37	1,129	2,170
EAST NORTH CENTRAL-----	4	9	-	-	174	97	17	12	35	43	2,031	3,248
Ohio-----	-	-	-	-	14	26	15	-	7	8	499	550
Indiana-----	-	-	-	-	84	31	-	9	2	7	297	474
Illinois-----	1	9	-	-	8	4	2	1	14	14	476	811
Michigan-----	1	-	-	-	66	34	-	2	4	11	532	925
Wisconsin-----	2	-	-	-	2	2	-	-	8	3	227	488
WEST NORTH CENTRAL-----	14	9	-	2	91	94	3	4	18	46	1,120	2,811
Minnesota-----	1	1	-	2	25	32	-	-	8	19	347	983
Iowa-----	4	7	-	-	17	5	1	-	2	9	297	817
Missouri-----	6	1	-	-	10	9	-	1	1	3	60	299
North Dakota-----	-	-	-	-	5	-	-	-	1	2	87	211
South Dakota-----	-	-	-	-	6	35	-	1	5	9	138	286
Nebraska-----	-	-	-	-	25	11	-	-	1	4	90	71
Kansas-----	3	-	-	-	3	2	2	2	-	-	101	144
SOUTH ATLANTIC-----	2	2	7	15	192	228	5	1	19	32	834	1,954
Delaware-----	-	-	-	-	-	1	-	-	1	-	25	37
Maryland-----	-	-	-	-	-	9	4	-	-	2	70	285
District of Columbia-----	-	-	-	-	1	2	1	-	1	-	15	37
Virginia-----	1	-	1	-	22	16	-	-	3	2	325	812
West Virginia-----	-	-	-	-	5	12	-	-	4	3	50	209
North Carolina-----	-	-	-	1	25	35	-	-	-	6	76	243
South Carolina-----	-	-	2	-	46	49	-	-	-	3	50	51
Georgia-----	-	1	4	7	39	69	-	-	4	2	112	116
Florida-----	1	1	-	7	54	35	-	1	6	14	111	164
EAST SOUTH CENTRAL-----	2	1	-	13	121	144	1	1	34	22	1,180	1,163
Kentucky-----	-	-	-	1	8	38	-	-	9	-	364	195
Tennessee-----	-	1	-	-	19	20	-	1	8	17	507	470
Alabama-----	1	-	-	12	60	65	1	-	11	1	147	221
Mississippi-----	1	-	-	-	34	21	-	-	6	4	162	277
WEST SOUTH CENTRAL-----	2	1	-	3	223	169	2	3	16	49	988	1,258
Arkansas-----	2	1	-	-	17	9	1	-	2	7	90	180
Louisiana-----	-	-	-	1	25	22	-	-	2	5	102	95
Oklahoma-----	-	-	-	-	56	22	1	1	-	9	73	128
Texas-----	-	-	-	2	125	116	-	2	12	28	723	855
MOUNTAIN-----	1	-	-	-	23	15	2	1	21	34	1,205	1,696
Montana-----	-	-	-	-	3	3	-	-	1	9	302	243
Idaho-----	-	-	-	-	1	-	-	-	1	7	157	191
Wyoming-----	-	-	-	-	3	-	-	-	1	2	64	65
Colorado-----	-	-	-	-	3	-	1	-	11	5	272	337
New Mexico-----	-	-	-	-	5	3	-	1	-	1	107	291
Arizona-----	1	-	-	-	5	6	-	-	4	8	240	500
Utah-----	-	-	-	-	3	1	-	-	2	2	60	49
Nevada-----	-	-	-	-	-	2	1	-	1	-	3	20
PACIFIC-----	2	4	-	3	42	33	13	5	57	64	2,232	2,718
Washington-----	-	-	-	3	5	16	-	-	9	16	488	599
Oregon-----	1	-	-	-	10	-	-	-	13	25	436	768
California-----	1	4	-	-	27	17	13	5	35	23	1,308	1,351
Alaska-----	-	-	-	-	35	-	-	-	1	2	64	190
Hawaii-----	-	-	-	-	-	-	-	-	-	-	29	33
Puerto Rico-----	-	-	-	1	48	54	-	-	9	1	166	44

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 13, 1955 AND AUGUST 11, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	32d week		Cumulative first 32 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	683	1,785	6,198	9,714	360	604	376	762	8	36	1,932	1,779
NEW ENGLAND-----	22	523	119	1,519	3	227	15	188	-	1	87	109
Maine-----	1	18	12	45	-	5	1	13	-	-	12	15
New Hampshire-----	1	24	3	68	-	-	1	-	-	-	3	-
Vermont-----	1	4	17	27	-	3	1	1	-	-	16	54
Massachusetts-----	11	411	55	1,165	2	206	6	147	-	1	36	33
Rhode Island-----	1	16	7	56	1	5	-	1	-	-	-	-
Connecticut-----	7	50	25	158	1	12	6	26	-	-	20	7
MIDDLE ATLANTIC-----	56	199	352	1,024	17	40	26	65	-	-	531	280
New York-----	39	117	240	635	11	40	22	65	-	-	385	175
New Jersey-----	14	39	55	152	6	-	4	-	-	-	78	58
Pennsylvania-----	3	43	57	237	-	-	-	-	-	-	68	47
EAST NORTH CENTRAL-----	328	421	1,415	1,689	170	122	113	160	1	-	386	408
Ohio-----	34	94	169	364	11	18	6	11	-	-	52	105
Indiana-----	25	25	102	134	11	10	6	9	-	-	12	8
Illinois-----	218	75	872	366	131	33	78	30	-	-	51	78
Michigan-----	32	92	162	414	9	26	17	50	-	-	160	98
Wisconsin-----	19	135	110	411	8	35	6	60	1	-	111	119
WEST NORTH CENTRAL-----	94	183	461	835	14	39	57	123	-	-	67	73
Minnesota-----	5	73	46	204	1	13	4	60	-	-	7	24
Iowa-----	42	61	157	244	3	5	38	48	-	-	28	22
Missouri-----	24	16	131	89	7	6	6	4	-	-	18	6
North Dakota-----	-	4	6	28	-	-	-	2	-	-	12	10
South Dakota-----	3	1	18	38	1	-	-	-	-	-	-	1
Nebraska-----	12	16	44	126	1	8	9	6	-	-	2	1
Kansas-----	8	12	59	106	1	7	-	3	-	-	-	9
SOUTH ATLANTIC-----	90	139	573	1,086	30	46	50	72	1	4	155	124
Delaware-----	2	3	7	37	1	3	1	-	-	-	3	-
Maryland-----	1	18	26	82	1	15	-	3	-	-	11	5
District of Columbia-----	1	1	3	19	-	1	1	-	-	-	2	6
Virginia-----	13	23	69	148	3	4	10	19	-	-	35	36
West Virginia-----	10	11	42	57	5	4	5	7	-	-	15	43
North Carolina-----	24	36	116	179	11	7	11	28	1	-	21	8
South Carolina-----	6	23	45	134	2	8	3	3	-	-	15	14
Georgia-----	15	12	81	124	4	2	7	7	-	4	9	7
Florida-----	18	12	184	306	3	2	12	5	-	-	44	5
EAST SOUTH CENTRAL-----	37	71	261	496	15	20	13	41	1	-	171	35
Kentucky-----	7	43	76	192	2	11	5	29	1	-	48	7
Tennessee-----	6	8	48	88	3	-	3	1	-	-	87	14
Alabama-----	3	11	26	93	-	5	-	6	-	-	29	5
Mississippi-----	21	9	111	123	10	4	5	5	-	-	7	9
WEST SOUTH CENTRAL-----	102	111	1,363	1,458	55	51	42	49	3	16	188	191
Arkansas-----	12	15	73	104	9	10	3	5	-	-	11	4
Louisiana-----	41	12	358	206	22	6	19	6	-	-	13	2
Oklahoma-----	15	5	113	134	10	2	-	-	-	6	9	12
Texas-----	34	79	819	1,014	14	33	20	38	3	10	155	173
MOUNTAIN-----	46	42	334	501	10	16	7	13	1	1	104	196
Montana-----	1	6	19	32	-	3	1	3	-	-	11	42
Idaho-----	2	9	48	155	1	6	1	-	-	-	11	6
Wyoming-----	1	1	11	18	-	-	1	1	-	-	4	5
Colorado-----	5	8	39	95	4	4	1	3	-	-	18	80
New Mexico-----	4	10	28	63	1	3	2	5	-	-	16	29
Arizona-----	5	2	79	45	4	-	1	1	1	-	19	24
Utah-----	25	6	88	40	-	-	-	-	-	1	25	9
Nevada-----	3	-	22	53	-	-	-	-	-	-	-	1
PACIFIC-----	108	96	1,320	1,106	46	43	53	51	1	14	243	363
Washington-----	12	14	67	115	1	4	5	8	-	-	35	43
Oregon-----	9	12	81	124	-	10	6	2	-	-	26	40
California-----	87	70	1,172	867	45	29	42	41	1	14	182	280
Alaska-----	-	2	7	16	-	1	-	1	-	-	13	2
Hawaii-----	2	8	55	48	2	5	-	3	-	-	172	34
Puerto Rico-----	-	2	34	436	-	2	-	-	-	-	49	25

¹Includes cases not specified by type, category number 080.3.

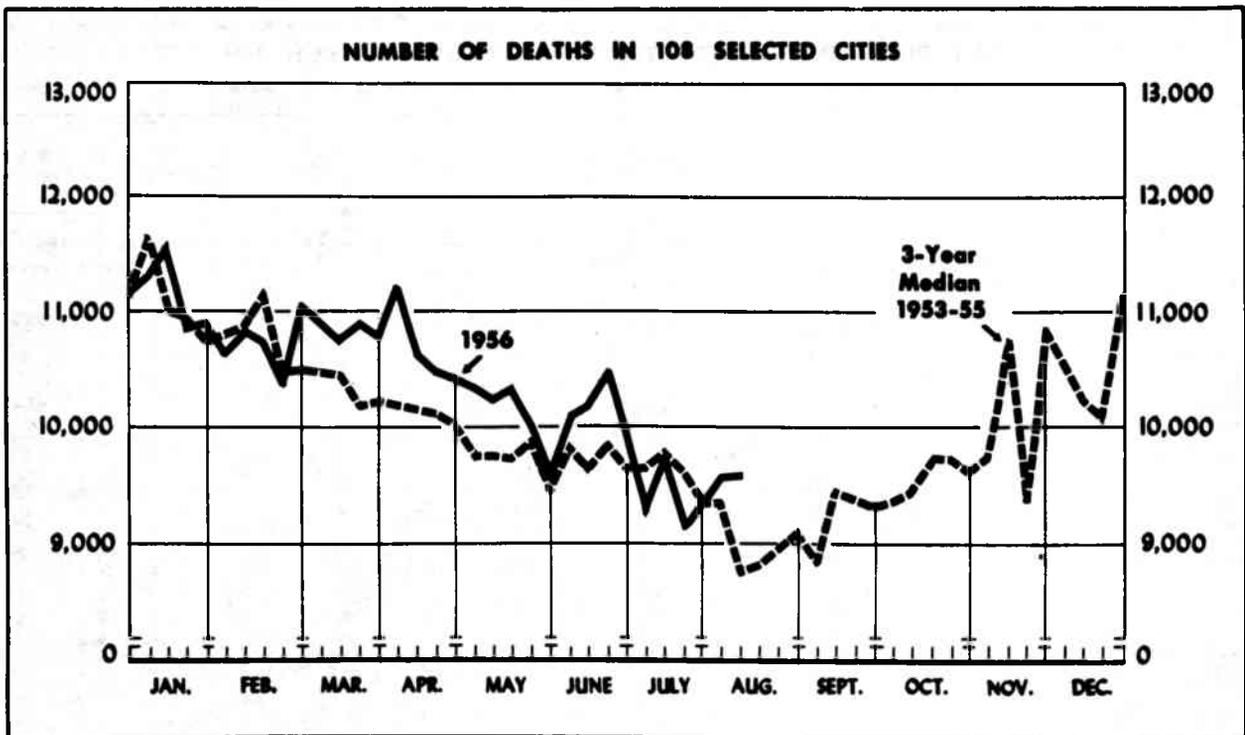
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 13, 1955 AND AUGUST 11, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		32d week		Cumulative first 32 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	31	41	37	12	4	45	56	1,095	982	2	64	72
NEW ENGLAND-----	1	2	1	1	-	-	1	39	19	-	-	-
Maine-----	-	1	-	-	-	-	-	12	4	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	1	1	-	1	-	-	-	12	9	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	5	1	-	-	-
Connecticut-----	-	-	-	-	-	-	1	9	5	-	-	-
MIDDLE ATLANTIC-----	2	9	-	-	3	7	5	147	105	-	1	15
New York-----	-	4	-	-	3	2	-	40	20	-	1	11
New Jersey-----	1	2	-	-	-	-	1	17	14	-	-	-
Pennsylvania-----	1	3	-	-	-	5	4	90	71	-	-	4
EAST NORTH CENTRAL-----	7	9	16	6	1	9	3	163	92	-	14	6
Ohio-----	1	2	-	1	-	1	2	32	41	-	7	5
Indiana-----	1	5	13	-	-	-	-	19	9	-	2	1
Illinois-----	1	2	3	3	1	5	-	31	21	-	3	-
Michigan-----	4	-	-	-	-	3	1	40	17	-	-	-
Wisconsin-----	-	-	-	2	-	-	-	41	4	-	2	-
WEST NORTH CENTRAL-----	-	2	2	-	-	4	4	142	58	-	8	5
Minnesota-----	-	1	-	-	-	-	-	32	5	-	2	2
Iowa-----	-	-	2	-	-	-	-	54	17	-	2	1
Missouri-----	-	1	-	-	-	4	4	33	26	-	3	1
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	8	4	-	1	1
Kansas-----	-	-	-	-	-	-	-	6	2	-	-	-
SOUTH ATLANTIC-----	3	3	10	1	-	6	12	173	193	1	16	17
Delaware-----	-	-	-	-	-	1	1	1	1	-	-	3
Maryland-----	1	-	2	1	-	1	1	15	12	-	-	-
District of Columbia-----	-	-	2	-	-	-	-	11	3	-	-	-
Virginia-----	-	2	5	-	-	1	1	28	28	-	5	2
West Virginia-----	-	-	-	-	-	1	4	17	23	-	1	2
North Carolina-----	1	-	-	-	-	1	1	20	18	-	-	3
South Carolina-----	-	-	-	-	-	1	2	17	30	1	7	5
Georgia-----	-	-	1	-	-	-	1	35	36	-	3	1
Florida-----	1	1	-	-	-	1	1	29	42	-	-	1
EAST SOUTH CENTRAL-----	5	4	3	1	-	6	9	130	148	-	9	10
Kentucky-----	-	1	1	-	-	-	4	25	74	-	-	-
Tennessee-----	1	-	2	1	-	3	2	54	38	-	1	-
Alabama-----	4	2	-	-	-	-	2	12	25	-	8	6
Mississippi-----	-	1	-	-	-	3	1	39	11	-	-	4
WEST SOUTH CENTRAL-----	9	3	2	-	-	5	17	196	228	1	7	14
Arkansas-----	-	2	-	-	-	-	4	41	46	-	2	3
Louisiana-----	1	-	-	-	-	-	1	34	44	-	5	7
Oklahoma-----	-	-	2	-	-	1	4	25	36	-	-	-
Texas-----	8	1	-	-	-	4	8	96	102	1	-	4
MOUNTAIN-----	2	2	1	-	-	3	4	36	77	-	2	-
Montana-----	1	-	-	-	-	1	1	5	1	-	-	-
Idaho-----	-	1	-	-	-	-	2	2	6	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	1	1	1	-	-	-	-	8	7	-	-	-
New Mexico-----	-	-	-	-	-	1	1	11	40	-	-	-
Arizona-----	-	-	-	-	-	-	-	5	13	-	1	-
Utah-----	-	-	-	-	-	-	-	1	4	-	1	-
Nevada-----	-	-	-	-	-	1	-	2	-	-	-	-
PACIFIC-----	2	7	2	3	-	5	1	69	62	-	7	5
Washington-----	-	1	-	-	-	-	-	1	1	-	-	-
Oregon-----	-	1	2	-	-	-	-	6	7	-	-	-
California-----	2	5	-	3	-	5	1	82	54	-	7	5
Alaska-----	-	-	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	1	2	35	31	-	1	-

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	32d week ended Aug. 11, 1956	31st week ended Aug. 4, 1956	32d week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 32 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES-----	8,755	8,747	8,004	+9.4	302,245	298,706	+1.2
New England----- (14 cities)	648	552	573	+13.1	21,914	22,279	-1.6
Middle Atlantic----- (17 cities)	2,587	2,702	2,565	+0.9	96,435	97,322	-0.9
East North Central----- (17 cities)	1,398	1,454	1,285	+8.8	48,951	48,335	+1.3
West North Central----- (8 cities)	677	683	654	+3.5	22,925	22,148	+3.5
South Atlantic----- (9 cities)	791	750	632	+25.2	25,813	24,762	+4.2
East South Central----- (8 cities)	518	448	440	+17.7	15,279	15,085	+1.3
West South Central----- (11 cities)	654	672	587	+11.4	21,745	20,561	+5.8
Mountain----- (8 cities)	240	217	207	+15.9	7,900	7,699	+2.6
Pacific----- (12 cities)	1,242	1,269	1,146	+8.4	41,283	40,515	+1.8

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 11, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	32d week ended Aug. 11, 1956	31st week ended Aug. 4, 1956	CUMULATIVE NUMBER FIRST 32 WEEKS		CITY	32d week ended Aug. 11, 1956	31st week ended Aug. 4, 1956	CUMULATIVE NUMBER FIRST 32 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	201	192	7,388	7,613	St. Louis, Mo.-----	222	212	7,556	7,044
Bridgeport, Conn.-----	31	56	1,183	1,221	St. Paul, Minn.-----	62	61	2,135	2,080
Cambridge, Mass.-----	27	15	963	930	Wichita, Kans.-----	43	52	1,299	1,218
Fall River, Mass.-----	15	25	903	897	SOUTH ATLANTIC				
Hartford, Conn.-----	48	30	1,515	1,483	Atlanta, Ga.-----	110	105	3,522	3,303
Lowell, Mass.-----	44	19	784	815	Baltimore, Md.-----	214	219	7,398	7,266
Lynn, Mass.-----	15	11	675	747	Charlotte, N. C.-----	41	29	1,000	903
New Bedford, Mass.-----	22	18	732	788	Jacksonville, Fla.-----	(52)	(46)	(1,640)	(1,498)
New Haven, Conn.-----	40	30	1,487	1,430	Miami, Fla.-----	57	47	1,633	1,732
Providence, R. I.-----	77	50	2,028	2,065	Norfolk, Va.-----	35	20	1,025	1,019
Scamerville, Mass.-----	15	9	516	502	Richmond, Va.-----	73	66	2,274	2,068
Springfield, Mass.-----	48	35	1,344	1,320	Savannah, Ga.-----	(35)	(25)	(928)	(891)
Waterbury, Conn.-----	16	30	813	811	Tampa, Fla.-----	68	57	1,921	1,780
Worcester, Mass.-----	49	32	1,583	1,657	Washington, D. C.-----	152	175	5,932	5,537
MIDDLE ATLANTIC					Wilmington, Del.-----	41	32	1,108	1,154
Albany, N. Y.-----	40	48	1,572	1,548	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(24)	(37)	(1,220)	(1,182)	Birmingham, Ala.-----	77	75	2,469	2,464
Buffalo, N. Y.-----	134	130	4,529	4,349	Chattanooga, Tenn.-----	41	49	1,359	1,413
Camden, N. J.-----	29	29	1,248	1,207	Knoxville, Tenn.-----	44	31	1,112	1,089
Elizabeth, N. J.-----	34	21	900	886	Louisville, Ky.-----	107	96	3,445	3,357
Erie, Pa.-----	24	24	1,078	1,131	Memphis, Tenn.-----	120	69	3,187	3,161
Jersey City, N. J.-----	74	53	2,265	2,259	Mobile, Ala.-----	35	30	1,068	935
Newark, N. J.-----	86	87	3,121	3,284	Montgomery, Ala.-----	32	44	932	831
New York City, N. Y.-----	1,329	1,387	50,113	50,890	Nashville, Tenn.-----	62	54	1,707	1,855
Paterson, N. J.-----	35	45	1,187	1,237	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	402	451	15,565	15,811	Austin, Tex.-----	---	(25)	---	(816)
Pittsburgh, Pa.-----	146	200	5,913	5,728	Baton Rouge, La.-----	16	21	707	685
Reading, Pa.-----	(26)	(20)	(698)	(742)	Corpus Christi, Tex.-----	15	23	609	567
Rochester, N. Y.-----	100	76	3,010	3,015	Dallas, Tex.-----	121	100	3,398	3,123
Schenectady, N. Y.-----	19	18	724	736	El Paso, Tex.-----	28	24	868	920
Scranton, Pa.-----	(32)	(31)	(1,127)	(1,076)	Fort Worth, Tex.-----	59	58	1,854	1,742
Syracuse, N. Y.-----	49	55	1,886	1,778	Houston, Tex.-----	---	(128)	---	(4,008)
Trenton, N. J.-----	31	31	1,399	1,556	Little Rock, Ark.-----	45	35	1,453	1,444
Utica, N. Y.-----	30	21	955	969	New Orleans, La.-----	147	159	5,142	4,799
Yonkers, N. Y.-----	25	26	970	938	Oklahoma City, Okla.-----	49	66	1,986	1,837
EAST NORTH CENTRAL					San Antonio, Tex.-----	96	77	2,811	2,780
Akron, Ohio-----	52	49	1,683	1,692	Shreveport, La.-----	45	30	1,448	1,237
Canton, Ohio-----	25	29	917	861	Tulsa, Okla.-----	33	79	1,469	1,427
Chicago, Ill.-----	---	---	---	(23,366)	MOUNTAIN				
Cincinnati, Ohio-----	136	175	4,881	4,811	Albuquerque, N. Mex.-----	28	23	734	732
Cleveland, Ohio-----	205	168	6,632	6,318	Colorado Springs, Colo.-----	14	9	411	432
Columbus, Ohio-----	114	103	3,448	3,459	Denver, Colo.-----	105	85	3,491	3,487
Dayton, Ohio-----	69	58	2,126	2,111	Ogden, Utah-----	13	11	399	348
Detroit, Mich.-----	279	292	10,265	10,539	Phoenix, Ariz.-----	35	26	850	770
Evansville, Ind.-----	30	27	1,069	1,019	Pueblo, Colo.-----	9	12	368	415
Flint, Mich.-----	33	26	1,247	1,186	Salt Lake City, Utah-----	33	45	1,460	1,366
Fort Wayne, Ind.-----	27	35	1,137	1,098	Tucson, Ariz.-----	3	6	167	149
Gary, Ind.-----	---	(15)	---	(888)	PACIFIC				
Grand Rapids, Mich.-----	37	35	1,345	1,355	Berkeley, Calif.-----	15	18	545	575
Indianapolis, Ind.-----	106	128	3,755	3,524	Long Beach, Calif.-----	40	32	1,671	1,571
Milwaukee, Wis.-----	111	124	3,988	4,006	Los Angeles, Calif.-----	452	517	15,054	14,546
Peoria, Ill.-----	22	37	896	933	Oakland, Calif.-----	94	79	2,934	2,789
South Bend, Ind.-----	23	31	773	785	Pasadena, Calif.-----	32	39	1,145	1,162
Toledo, Ohio-----	78	94	3,028	2,993	Portland, Oreg.-----	89	93	3,050	3,073
Youngstown, Ohio-----	51	43	1,761	1,645	Sacramento, Calif.-----	54	43	1,541	1,572
WEST NORTH CENTRAL					San Diego, Calif.-----	90	67	2,405	2,374
Des Moines, Iowa-----	38	48	1,626	1,635	San Francisco, Calif.-----	173	184	6,129	5,988
Duluth, Minn.-----	26	17	859	804	Seattle, Wash.-----	116	125	4,093	4,170
Kansas City, Kans.-----	---	---	---	(1,134)	Spokane, Wash.-----	39	42	1,500	1,472
Kansas City, Mo.-----	105	118	3,530	3,525	Tacoma, Wash.-----	48	30	1,216	1,223
Minneapolis, Minn.-----	105	94	3,823	3,759	Honolulu, Hawaii-----	(42)	(24)	(1,115)	(1,155)
Omaha, Nebr.-----	76	81	2,097	2,083					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

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